

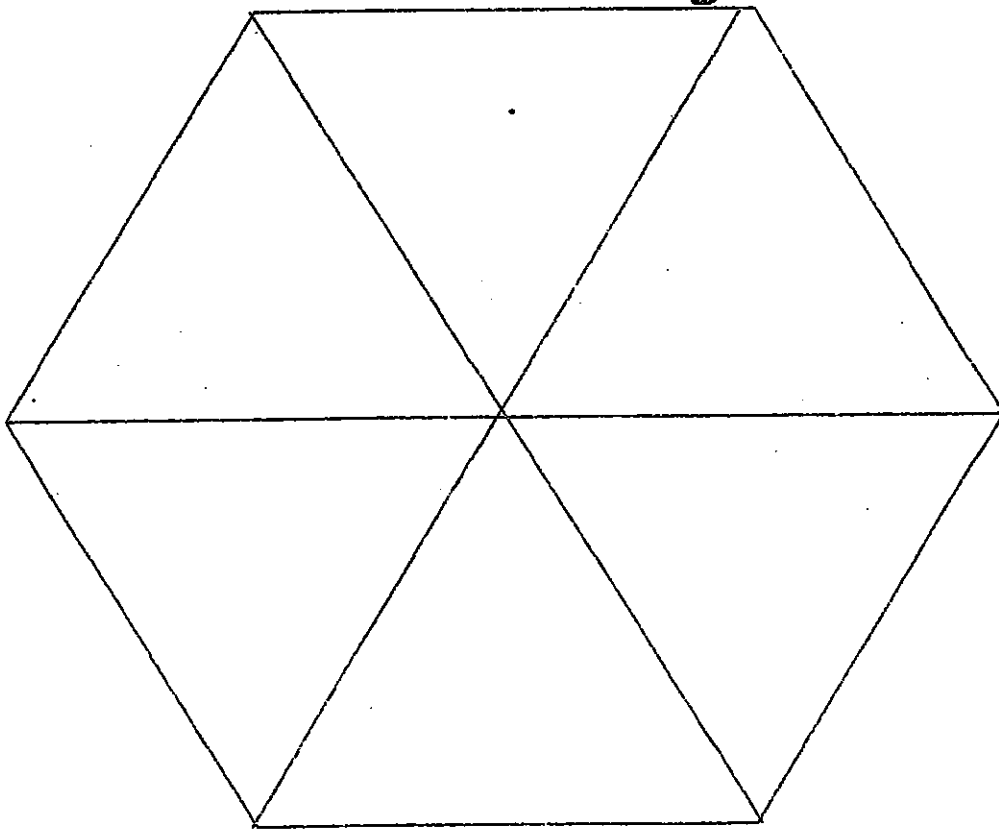
Pattern Block Center

- Use the pattern blocks to fill the shape.
- Color the fractional part that is given.
- Write an equation to prove your work.

Example:

Use the pattern blocks to fill the shape. Then color the fractional part that is given. Write an equation to prove your work.

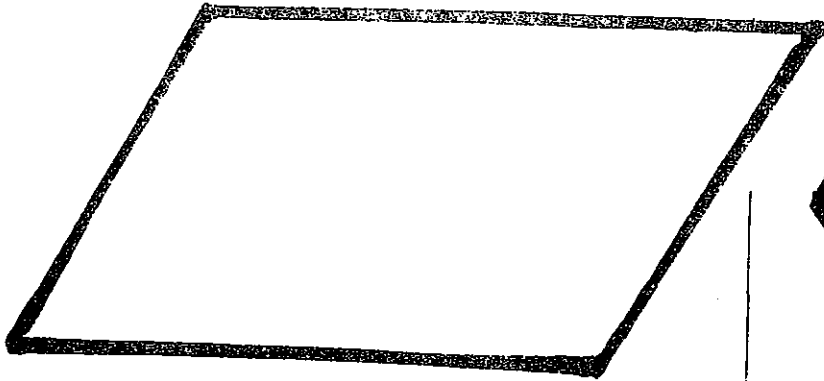
What is one-sixth of the design?



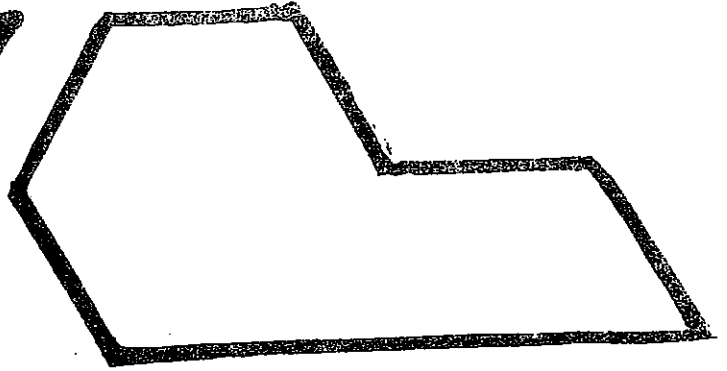
Proof: $\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} = \frac{6}{6}$ or 1 whole hexagon (design)

Name _____ Pattern Block Center—Level 1 Date _____
Use the pattern blocks to fill the shape. Color the fractional part that is given. Write an equation to prove your work.

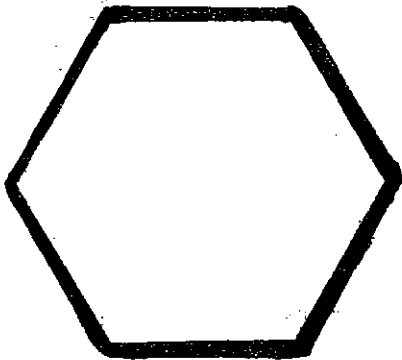
1. If this design is the whole, what is three-fourths?



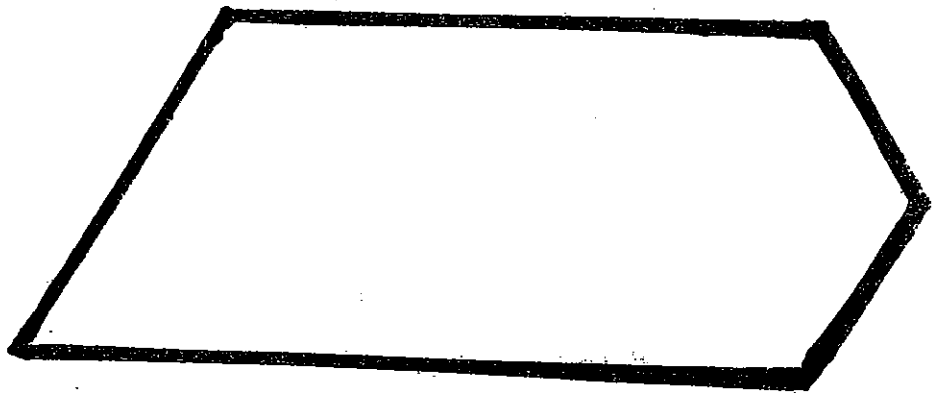
2. If this design is the whole, what is two-thirds?



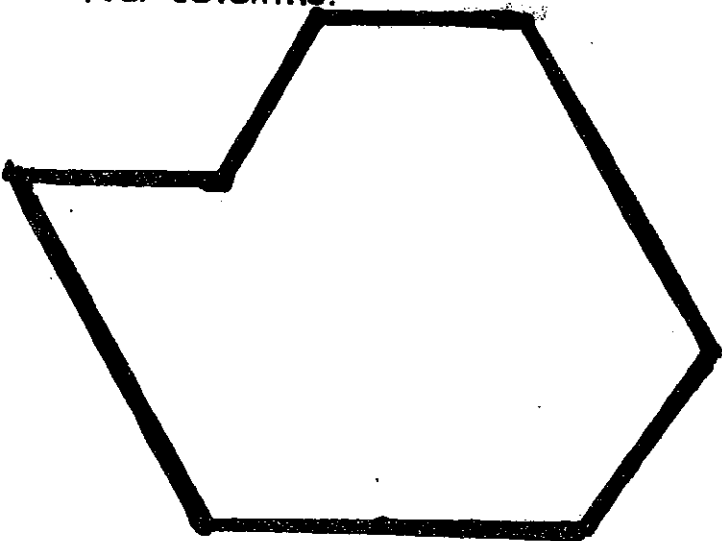
3. If this design is the whole, what is one-third?



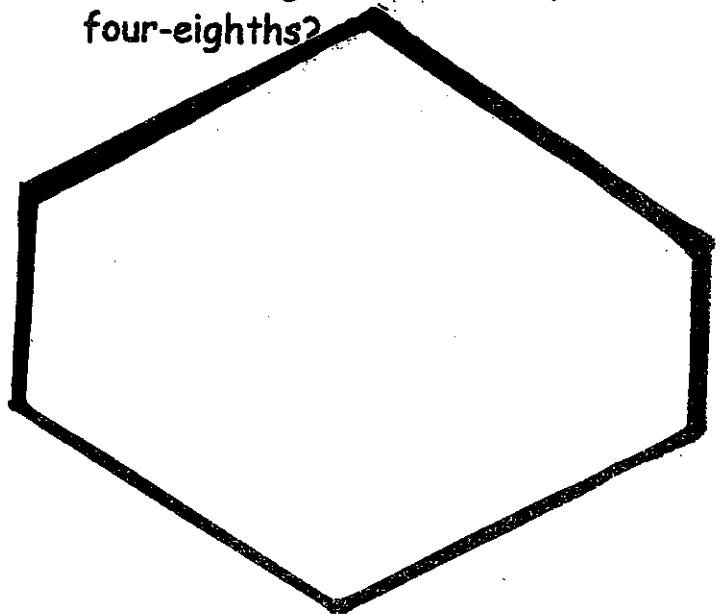
4. If this design is the whole, what is two-fifths?



5. If this design is the whole, what is four-sevenths?



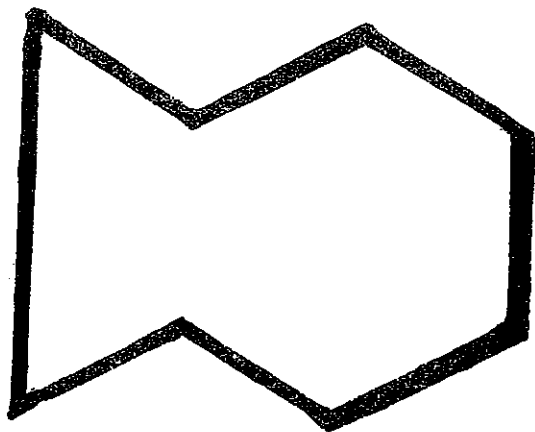
6. If this design is the whole, what is four-eighths?



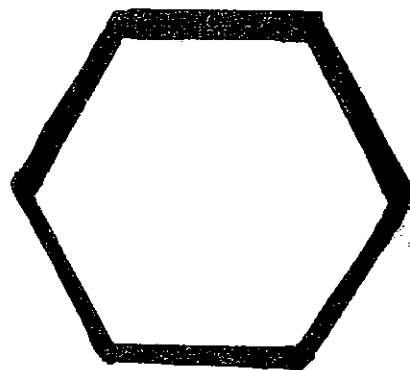
Name _____ Pattern Block Center--Level 2 Date _____

Use the pattern blocks to fill the shape. Color the fractional part that is given. Write an equation to prove your work.

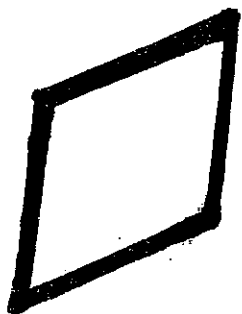
1. If this design is three-fourths, what is the whole?



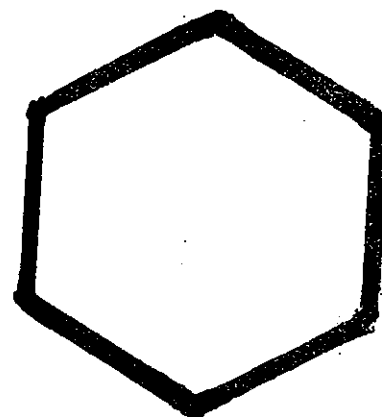
2. If this design is two-thirds, what is the whole?



3. If this design is one-third, what is the whole?



4. If this design is two-fifths, what is the whole?



Name _____ Pattern Block Center—Level 3 Date _____
Create a figure that represents the fraction. Trace around all the shapes and label them. Outline the "wholes" in block.

1. Create figures representing seven-fourths.

2. Create figures representing five-halves.

3. Create figures representing seven-halves.

4. Create figures representing seven-sixths.

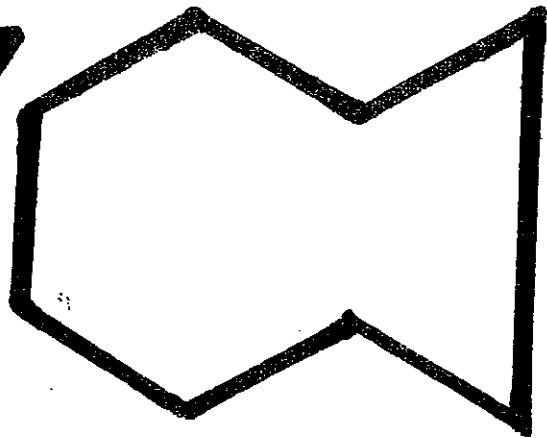
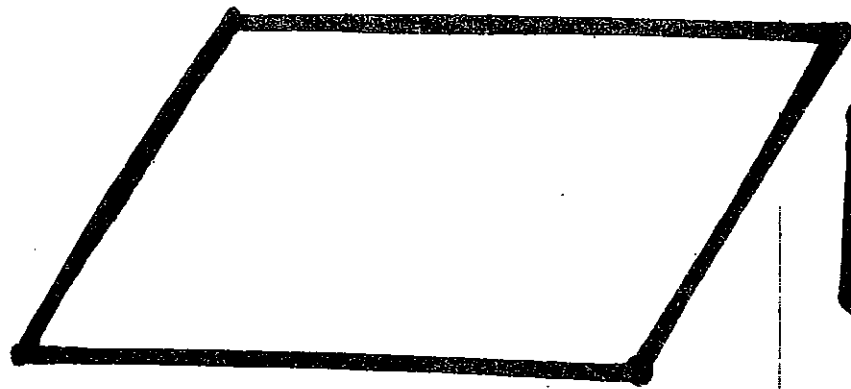
Name _____ Pattern Block Center--Level 4 Date _____

Use pattern blocks to show these fractions in their simplest form.

Example: $\frac{4}{6} = \frac{2}{3}$

1. If this design is the whole, what is two-fourths? So _____ = _____

2. If this design is the whole, what is three-ninths? So _____ = _____



3. If this design is the whole, what is two-sixths? So _____ = _____

4. If this design is the whole, what is eight-tenths? So _____ = _____

